

FIG. 10B

LESS EXTERNAL LOAD (LESS CAPACITANCE) CAUSES THE ANTENNA TO CHARGE TO A HIGHER VOLTAGE.
MORE EXTERNAL LOAD (MORE CAPACITANCE) CAUSES THE ANTENNA TO CHARGE TO A LOWER VOLTAGE.

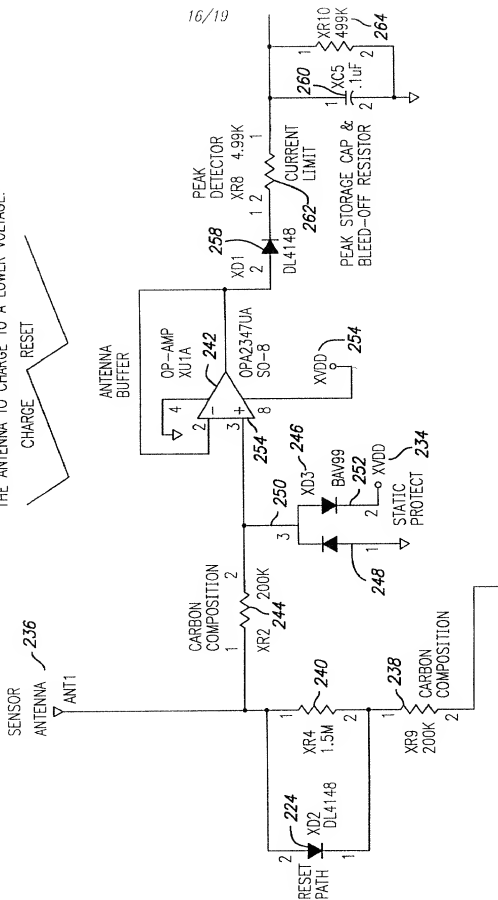
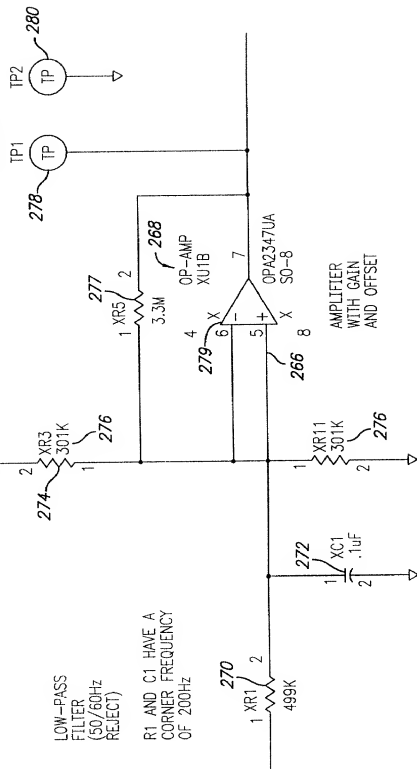
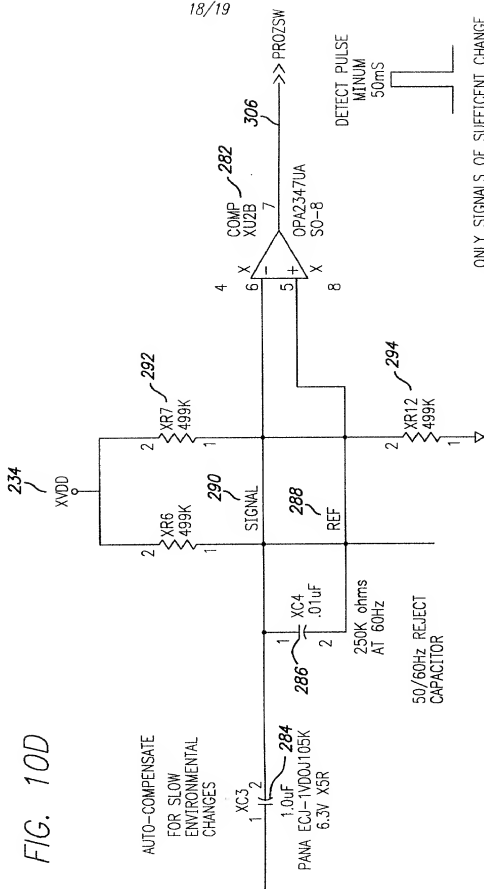


FIG. 10C

ADJUST VR1 (CHARGE-TIME ADJUST)
FOR 3.0V BETWEEN TP1 & TP2.
ALL EXTERNAL LOADING MUST BE
IN PLACE BEFORE THIS ADJUSTMENT IS
PERFORMED.



**AUTO-COMPENSATE
FOR SLOW
ENVIRONMENTAL
CHANGES**



ONLY SIGNALS OF SUFFICIENT CHANGE
(SPEED, AMPLITUDE, AND DURATION)
WILL CAUSE AN OUTPUT PULSE

THE 50/60Hz REJECT ALLOWS THE REF TO TRACK WITH THE SIGNAL WHEN IN PRESENCE OF 50/60Hz FIELDS.